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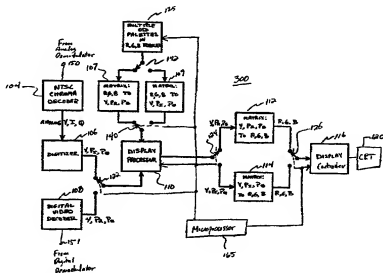
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(54) Title: METHOD AND APPARATUS FOR PROVIDING ON-SCREEN DISPLAYS FOR A MULTI-COLORIMETRY RECEIVER

(57) Abstract: An apparatus and a method for adjusting the colors of the on-screen display graphics to match the colors of the video with which the OSD graphics are to be combined. In one aspect, a selected one of a plurality of OSD color palettes (103, 105) is used to produce graphics for a selected one of a plurality of signal sources. As such, the appropriately formatted palette is used to produce graphics for a similarly formatted input signal, i.e., an analog source would be combined with graphics produced from a palette having Y, Pᵦ, P_Q formatted signals. Consequently, the color compensation matrices would properly compensate both the graphics and the video from each source. In another aspect, a desired one of a plurality of matrices (107, 109) operates on the OSD signal source to match the OSD colorimetry with the input signal colorimetry.